

What Is Claimed Is:

1. A clamp unit for Do-It-Yourself (DIY) solid wood flooring comprising:
 - a) a first clamp having a first protrusion that is disposed on the top surface thereof and matches one of the grooves of a solid wood panel, a T-shape protrusion that is disposed at the junction of two adjacent solid wood panels, and a tongue that is formed on the inner side of the first clamp and extended along a first clamp groove;
 - b) a second clamp having a second protrusion that is disposed on the top surface thereof and matches another groove of the solid wood panel, a groove that is formed at the inner side of the second clamp and matches the tongue of the first clamp for engaging into each other, and a second clamp groove formed inside of the second clamp; and
 - c) spring clips each having an opening mouth that fits tightly into the first and second grooves so that the first and second clamp are merged into one clamp unit.
2. The clamp unit for DIY solid wood flooring as recited in claim 1 wherein the connection depth between the tongue of the first clamp and the groove of the second clamp is within the range from 2mm to ~ 6mm for allowing the expansion/contraction of adjacent solid wood panels.
- 20 3. The clamp unit DIY solid wood flooring as recited in claim 1 wherein the clamp unit is separable into two individual members serving as support at the bottom of the side of the solid wood panel.